

CLAIMS

What is claimed is:

1. An apparatus, comprising:

a power amplifier configured to produce an amplified transmit signal at a power level;

an antenna switch connected to an output terminal of the power amplifier and an antenna, the antenna switch configured to switch the antenna between a receive mode and a transmit mode; and

a power amplifier detector connected to the antenna switch, the power amplifier detector configured to receive a leakage signal from the antenna switch and measure a power level of the leakage signal.